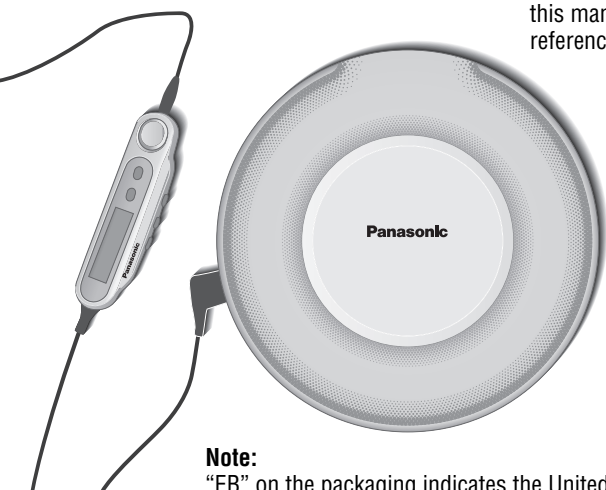


## Operating Instructions Portable CD Player

### SL-CT510



#### Dear Customer

Thank you for purchasing this product. Before connecting, operating or adjusting this product, please read these instructions completely. Please keep this manual for future reference.



#### Note:

"EB" on the packaging indicates the United Kingdom.

EB EG GN GK GH GC SG (En)

Matsushita Electric Industrial Co., Ltd.

Web Site: <http://www.panasonic.co.jp/global/>

RQT7311-B

F0104TT0

#### Playing MP3

This unit can play MP3 files you have recorded to discs. MPEG Layer-3 audio decoding technology licensed from Fraunhofer IIS and Thomson multimedia.

#### HOLD

This function causes the unit to ignore accidental button presses. Set to HOLD so the unit doesn't power on accidentally or interrupt play.

- The unit and remote control each have independent HOLD switches.

#### Note on CD-R and CD-RW

This unit can play CD-R and CD-RW recorded with CD-DA or MP3. Use an audio recording disc for CD-DA and finalize\* it when you finish recording. The unit may not be able to play some discs due to the condition of the recording.

\*A process performed after recording that enables CD-R/CD-RW players to play audio CD-R and CD-RW.

#### Resume function

Play begins from the last point stopped. Replacing the disc cancels the function.

#### Auto off function

If the unit is left in stop mode for approximately 10 minutes, the unit turns itself off automatically.

#### The display light

The light in the remote control's display comes on for several seconds when you press a button.

## Troubleshooting guide

Before requesting service, make the below checks. If you are in doubt about some of the check points, or if the remedies indicated in the chart do not solve the problem, consult your dealer for instructions.

<b>No play.</b>	<ul style="list-style-type: none"> <li>• The HOLD function is on. Release HOLD. (→page 5)</li> <li>• The batteries may have run empty (→page 5). (If play is extremely short even after fully recharging the batteries, the batteries may have exceeded their life. Rechargeable batteries can be recharged approximately 300 times.)</li> <li>• The disc isn't correctly set.</li> <li>• The disc is scratched or dirty. (Tracks skipped.)</li> <li>• There is moisture on the lens. Wait for about an hour and then try again.</li> <li>• The lens is dirty: clean it with a blower (recommended product: <b>SZZP1038C</b>). If the lens gets marked with fingerprints, gently wipe them off with a cotton swab.</li> <li>• The unit may not read MP3 correctly if it is shaken while it is reading the files.</li> <li>• Play of a multi-session disc may not be possible if there is a blank data segment between sessions.</li> <li>• If there is large JPEG data etc. within a MP3 file, sound may become muted and play may not be possible.</li> <li>• If you try playing a CD that contains CD-ROM format data and normal audio data (CD-DA), output from one of the above may become silent, and play may not be possible.</li> </ul>	<b>Cannot specify point A or B.</b> <ul style="list-style-type: none"> <li>• You may not be able to specify point A or B at the end of disc.</li> <li>• You cannot set A or B while "SRD" is flashing.</li> </ul>
<b>No sound or there is a lot of noise.</b>	<ul style="list-style-type: none"> <li>• Ensure the plugs are inserted firmly.</li> <li>• Wipe the plugs clean with a clean cloth.</li> <li>• Noise may occur when playing MP3 if recording quality is poor.</li> <li>• The elapsed playing time disappears and sound is interrupted if bumps continue repeatedly.</li> </ul>	<b>Cannot change the Digital Re-master mode, anti-skip mode.</b> <ul style="list-style-type: none"> <li>• If [◀◀] or [▶▶] is pressed before [MEMORY] you cannot change the mode.</li> <li>• You cannot change while "SRD" is flashing.</li> </ul>
<b>Play doesn't resume from the last point stopped.</b>	<ul style="list-style-type: none"> <li>• This doesn't work if you change discs.</li> <li>• This doesn't work during random play.</li> <li>• It may not work correctly under some conditions.</li> </ul>	<b>Digital Re-master does not work.</b> <p>Depending on the type of MP3 disc recording, the effect may not appear.</p>
<b>Play doesn't start from the first track.</b>	<ul style="list-style-type: none"> <li>• Random play modes may be on (→page 6).</li> <li>• Play resumes from the last point stopped (→above).</li> </ul>	<b>Cannot skip albums.</b> <p>You cannot skip between the first and last albums during play.</p>
<b>Cannot search through tracks.</b>	<p>You cannot search through MP3 files.</p>	<b>Cannot hear the remote control's operation tone.</b> <p>The operation tone may be off (→page 6).</p>
		<b>The remote control does not work properly.</b> <p>Use only the included remote control to operate this unit.</p>
		<b>Cannot recharge.</b> <ul style="list-style-type: none"> <li>• You aren't using the special rechargeable batteries (→page 4).</li> <li>• You must insert two batteries before you can recharge them.</li> <li>• The unit must be off before you can recharge.</li> </ul>
		<b>The AC adaptor becomes warm during recharging.</b> <p>This is normal.</p>
		<b>The batteries are taking a long time to recharge.</b> <p>The batteries may take a maximum of 6 hours to recharge under some conditions.</p>
		<b>Play time is short after recharging.</b> <ul style="list-style-type: none"> <li>• This may occur after the first time you recharge the batteries or haven't used them for a long time. Play time should be restored after a few recharges.</li> <li>• The batteries can go flat if you leave the AC adaptor connected after recharging is complete.</li> </ul>
		<b>The battery indicator fails to appear or is incorrect.</b> <ul style="list-style-type: none"> <li>• The indicator does not appear when the AC adaptor is connected.</li> <li>• The indicator does not appear correctly when using the rechargeable and dry cell batteries at the same time and under certain conditions.</li> </ul>
		<b>The unit stops working.</b> <p>Disconnect then reconnect all power sources (batteries and AC adaptor).</p>

# Displays

<i>hold</i>	The HOLD function is on. Release HOLD. (→page 5)
<i>no disc</i>	<ul style="list-style-type: none"> <li>You haven't inserted a disc or it isn't inserted correctly.</li> <li>You have inserted a disc this unit cannot play.</li> </ul>
<i>OPEN</i>	The disc lid is open.
<i>F</i>	The program already contains 20 tracks.
<i>3</i>	Reading MP3 files.

# Caution

- Do not expose the unit to direct sunlight or heat, such as from heating appliances, as these can damage the unit.
- Discontinue use if you experience discomfort with the earphones or any other parts that directly contact your skin. Continued use may cause rashes or other allergic reactions.

## Batteries

- Do not peel off the covering on batteries and do not use if the covering has been peeled off.
- Align the poles + and – correctly when inserting the batteries.
- Do not mix different types of batteries or old and new batteries.
- Remove the batteries if you do not intend to use the unit for a long time.
- Do not throw into fire, short-circuit, disassemble, or subject to excessive heat.
- Do not attempt to recharge dry cell batteries.
- When carrying batteries in a pocket or bag, ensure no metal objects such as necklaces are placed together with them. Contact with metal may cause short-circuiting which can cause a fire. For safety, carry the rechargeable batteries in the battery carrying case.

## Listening

- Do not play your headphones or earphones at a high volume. Hearing experts advise against continuous extended play.
- If you experience a ringing in your ears, reduce volume or discontinue use.
- Do not use while operating a motorized vehicle. It may create a traffic hazard and is illegal in many areas.
- You should use extreme caution or temporarily discontinue use in potentially hazardous situations.
- Even if your headphones or earphones are the open-air type designed to let you hear outside sounds, don't turn up the volume so high that you can't hear what's around you.

## CDs

- Do not use irregularly shaped CDs.
- Do not use non-specification discs.
- Do not use CDs printed with label printers available on the market.
- Do not use CDs with labels and stickers that are coming off or with adhesive exuding from under labels and stickers.

# Maintenance

If the surfaces are dirty wipe with a soft, dry cloth.

- Never use alcohol, paint thinner or benzine to clean this unit.
- Before using chemically treated cloth, read the instructions that came with the cloth carefully.

For the United Kingdom and Continental Europe:

### Notice about the rechargeable battery

The battery is designated recyclable.  
Please follow your local recycling regulations.

#### Norsk

### Merknad vedrørende det oppladbare batteriet

Batteriet er resirkulerbart.  
Vennligst følg det lokale regelverket for resirkulering.

#### Suomi

### Huomautus ladattavasta paristosta

Paristo määritellään kierrätykseen sopivaksi.  
Ole hyvä ja noudata asuinpaikkasi kierrätysääntöjä.

# Specifications

## Audio (CD-DA)

Sampling frequency: 44.1 kHz

No. of channels: 2 (left and right, stereo)

Headphone output level:  
RMS max. 6 mW+6 mW/  
16 Ω (adjustable)

Frequency response:  
20 Hz to 20,000 Hz  
(+0.5 dB to –7 dB)

## Pickup

Light source: Semiconductor laser  
Wavelength: 780 nm

## (NORSK)

Bølgelengde 780 nm  
Laserstyrke  
Ingen farlig stråling sendes ut  
(med sikkerhets-beskyttelse)

## MP3

Supported bit-rates:  
32 kbps to 320 kbps  
(128 kbps is recommended)

Supported sampling frequency:  
48 kHz/44.1 kHz/32 kHz

Maximum number of items  
(total no. of albums and tracks):  
999

Maximum album levels: 100

## General

Power supply:  
DC input (via included AC adaptor):  
DC 4.5 V

AC adaptor input:

(For the United Kingdom)

AC 220 –240 V 50/60 Hz

(For continental Europe)

AC 220 –230 V 50/60 Hz

(For Australia and N.Z.)

AC 230 –240 V 50 Hz

(For China) AC 220 V 50 Hz

(For Hong Kong area)

AC 220 –240 V 50/60 Hz

(For other areas)

AC 110 –127 V/220 –240 V 50/60 Hz

Power consumption:

(For Europe, Australia, N.Z., China  
and Hong Kong area)

Using AC adaptor  
(MP3/CD-DA): 0.7 W/0.7 W

Recharging: 3.1 W

(For other areas)

Using AC adaptor  
(MP3/CD-DA): 2.8 W/2.8 W

Recharging: 4.5 W

Play time:

Using on a flat stable surface at  
25 °C, EQ is off, Hold is on,  
Anti-skip is on POS 1 (CD-DA),  
recommended bit rate (MP3:128  
kbps), and Digital Re-master is off  
(MP3). Play times are in hours and  
approximate.

(For China, Hong Kong area and sets  
purchased in Japan)

Batteries used	MP3 disc	CD-DA disc
2 optional alkaline batteries	105	55
4 optional alkaline batteries	200	120
2 supplied rechargeable batteries	40	25
2 supplied rechargeable and 2 optional alkaline batteries	140	80

(For other areas)

Batteries used	MP3 disc	CD-DA disc
2 optional alkaline batteries	105	55
2 optional rechargeable batteries	40	25

Recharging time: About 4 to 5 hours

- The play time may be less depending on the operating conditions.
- Play time will be considerably reduced when playing CD-RW.

Operational temperature range:  
0 °C–40 °C

Rechargeable temperature range:  
5 °C–40 °C

Dimensions (W×H×D):  
135×23.4×135 mm

Mass: 205 g (with batteries)

160 g (without batteries)

## Note:

Specifications are subject to change without notice.  
Mass and dimensions are approximate.

## CAUTION!

- DO NOT INSTALL OR PLACE THIS UNIT IN A BOOKCASE, BUILT-IN CABINET OR IN ANOTHER CONFINED SPACE. ENSURE THE UNIT IS WELL VENTILATED. TO PREVENT RISK OF ELECTRIC SHOCK OR FIRE HAZARD DUE TO OVERHEATING, ENSURE THAT CURTAINS AND ANY OTHER MATERIALS DO NOT OBSTRUCT THE VENTILATION VENTS.
- DO NOT OBSTRUCT THE UNIT'S VENTILATION OPENINGS WITH NEWSPAPERS, TABLECLOTHS, CURTAINS, AND SIMILAR ITEMS.
- DO NOT PLACE SOURCES OF NAKED FLAMES, SUCH AS LIGHTED CANDLES, ON THE UNIT.
- DISPOSE OF BATTERIES IN AN ENVIRONMENTALLY FRIENDLY MANNER.

## CAUTION!

THIS PRODUCT UTILIZES A LASER.  
USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.  
DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF.  
REFER SERVICING TO QUALIFIED PERSONNEL.

## WARNING:

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR PRODUCT DAMAGE, DO NOT EXPOSE THIS APPARATUS TO RAIN, MOISTURE, DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.

Marking sign is located on bottom of the unit.

This product may receive radio interference caused by mobile telephones during use. If such interference is apparent, please increase separation between the product and the mobile telephone.

The socket outlet shall be installed near the equipment and easily accessible or the mains plug or an appliance coupler shall remain readily operable.

For Europe, Australia, N.Z., China, Hong Kong area and sets purchased in Japan:

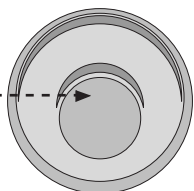
THIS UNIT IS INTENDED FOR USE IN MODERATE CLIMATES.

For other areas:

THIS UNIT IS INTENDED FOR USE IN TROPICAL CLIMATES.



LUOKAN 1 LASERLAITE  
KLASS 1 LASER APPARAT



(Bottom of product)

(Inside of product)  
(Produktets innsida)  
(Tuotteen sisällä)

ADVARSEL-USYNLIG LASERSTRÅLING VED ÅBNING. NÅR SIKKERHEDSAFBR- YDERE ER UDE AF FUNKTION. UNDGÅ UNSÆTTELSE FOR STRÅLING. VORSICHT-UNSICHTBARE LASERSTR- AHLUNG. WENN ABDECKUNG GEÖFFNET FET UND SICHERHEITSVERRIEGELUNG ÜBERBRÜCKT. NICHT DEM STRAHL AUSSETZEN. DANGER-INVISIBLE LASER RADIAT- ION WHEN OPEN AND INTERLOCK DEFEATED. AVOID DIRECT EXPOSURE TO BEAM. RCL02044	VARO! AVATTAESSA JA SUOJA- KITUUS OHITETTAESSA OLET ALTUINA NÄKYMATÖNTÄ LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN. VARNING-ÖSYNLIG LASERSTRÅL- NING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRREN ÄR IJRKOPPLAD. BETRÄKTA EJ STRÅLEN. ADVARSEL-USYNLIG LASERSTRÅL- NING NÄR DEKSEL ÅPNES OG SIKKERHEDSLÅS BRYTES. UNNGÅ EKSPONERING FOR STRÅLEN. A pleine puissance, l'écoute prolongée du baladeur peut endommager l'oreille de l'utilisateur.
--	--

## NORSK

### ADVARSEL!

- APPARATET MÅ IKKE Plasseres i en bokhylle, et innebygget kabinett eller et annet lukket sted hvor ventilasjonsforholdene er utilstrekkelige. Sørg for at gardiner eller lignende ikke forverrer ventilasjonsforholdene, så risiko for elektrisk sjokk eller brann forårsaket av overheting unngås.
- APPARATETS ventilasjonsåpninger må ikke dekket til med aviser, bordduker, gardiner og lignende.
- Plasser ikke åpen ild, slik som levende lys, oppå apparatet.
- Brukte batterier må kasseres uten fare for miljøet.

### ADVARSEL!

DETTE PRODUKTET ANVENDER EN LASER.  
BETJENING AV KONTROLLER, JUSTERINGER ELLER ANDRE INNGREP ENN DE SOM ER BESKREVET I DENNE BRUKSANVISNING, KAN FØRE TIL FARLIG BESTRÅLING.  
DEKSLER MÅ IKKE ÅPNES, OG FORSØK ALDRI Å REPARERE APPARATET PÅ EGENHÅND. ALT SERVICE OG REPARASJONSARBEID MÅ UTFØRES AV KVALIFISERT PERSONELL.

### ADVARSEL:

FOR Å REDUSERE FAREN FOR BRANN, ELEKTRISK STØT ELLER SKADER PÅ PRODUKTET, MÅ DETTE APPARATET IKKE UTSETTES FOR REGN, FUKTIGHET, VANNDRÅPER ELLER VANNSPRUT. DET MÅ HELLER IKKE Plasseres GJENSTANDER FYLT MED VANN, SLIK SOM BLOMSTERVASER, OPPÅ APPARATET.

DETTE APPARATET ER BEREGNET TIL BRUK UNDER MODERATE KLIMAFORHOLD.

Utstyret bør plasseres i nærheten av AC-stikkontakten, og støpslet må være lett tilgjengelig hvis det skulle oppstå problemer.

## SUOMI

### VAROITUS!

- ÄLÄ ASENNA TAI LAITA TÄTÄ LAITETTA KABINETTITYYPPISEEN KIRJAKAAPPIIN TAI MUUHUN SULJETTUUN TILAAN, JOTTA TUULETUS ONNISTUISI. VARMISTA, ETTÄ VERHO TAI MIKÄÄN MUU MATERIAALI EI HUONONNA TUULETUSTA, JOTTA VÄLTETTÄISIIN YLIKUMENEMISESTA JOHTUVA SÄHKÖISKU- TAI TULIPALOVAARA.
- ÄLÄ PEITÄ LAITTEEN TUULETUSAUKKOJA SANOMALEHDELLÄ, PÖYTÄLIINALLA, VERHOLLA TAI MUULLA VASTAAVALLA ESINEELLÄ.
- ÄLÄ ASETA PALAVAA KYNTTILÄÄ TAI MUUTA AVOTULEN LÄHDETTÄ LAITTEEN PÄÄLLE.
- HÄVITÄ PARISTOT LUONTOA VAHINGOITTAMATTOMALLA TAVALLA.

### VAROITUS!

LAITTEEN KÄYTTÄMINEN MUULLA KUIN TÄSSÄ KÄYTTÖOHJEESSA MAINITULLA TAVALLA SAATTAA ALTISTAA KÄYTTÄJÄN TURVALLISUUSLUOKAN 1 LYITTÄVÄLLE NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE.

### VAROITUS:

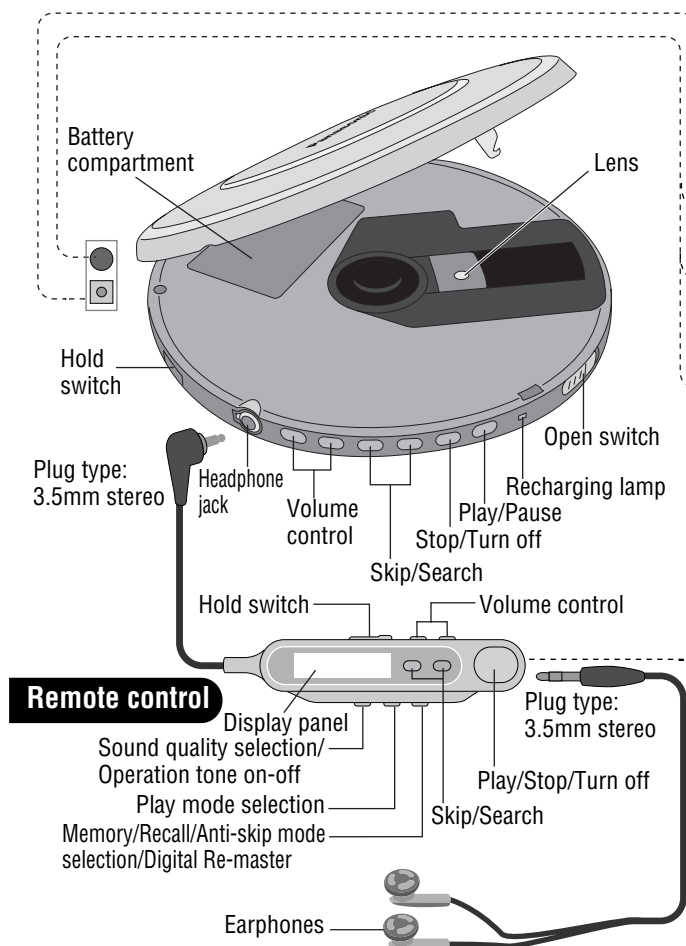
TULIPALO-, SÄHKÖISKUVAARAN TAI TUOTETTA KOHTAAVAN MUUN VAHINGON VÄHENTÄMISEKSI EI LAITETTA SAA ALTISTAA SATEELLE, KOSTEUELLE, VESIPISAROILLE TAI ROISKEELLE, EIKÄ NESTETTÄ SISÄLTÄVIÄ ESINEITÄ, KUTEN ESIMERKIKSI MALJAKOITA, SAA ASETTAA LAITTEEN PÄÄLLE.

TÄMÄ LAITE ON TARKOITETTU KÄYTETTÄVÄKSI LEUDOSSA ILMASTOSSA.

Laite tulee asettaa lähelle verkkopistorasiaa ja pistokkeen täytyy olla sellaisessa asennossa, että siihen on helppo tarttua ongelman sattuessa.

# Location of controls/Connection to other equipment

## Main unit



- Turn off this unit and the other equipment before connection.
- If you don't want the remote control sound, turn it off. (→ page 6)

### ■ To Battery case terminal (EXT BATT) (For China, Hong Kong area and sets purchased in Japan)

**External battery case**  
(For China, Hong Kong area and sets purchased in Japan)

### ■ To DC IN jack

**AC adaptor**

The AC adaptor differs according to the area.

→ To household mains socket

Car power adaptor (SH-CDC9) (not included)  
You can recharge the batteries with this connection.

**Car audio**



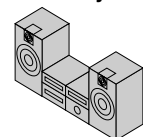
Some cannot be connected.

### ■ To remote control jack

Car stereo cassette adaptor (SH-CDM10A) (not included)  
• Set the unit's volume to 10-15.



**Audio system**



Adjust the volume level on the audio system.

Audio cable (not included)

• Set the unit's volume to 10-15.

To CD or AUX terminals

## Supplied Accessories

### Check the packing carton for these accessories.

Use numbers indicated when asking for replacement parts.

- **1 Wired remote control:** N2QCB000040

- **1 AC adaptor:**

**The United Kingdom:** RFEA435B-S

**Continental Europe:** RFEA431E-S

**Australia and N.Z.:** RFEA436A-S

**China:** RFEA437T-S

**Hong Kong area:** RFEA435B-S

**Sets purchased in Japan:** NOJDCE000001

**Other areas:** NOJDCE000001

- **1 Pair of stereo earphones:** LOBAB0000180

**For China, Hong Kong area and sets purchased in Japan:**

- **1 External battery case:** RFA1821-H

- **2 Ni-Cd rechargeable batteries:** (see below)

- **1 Battery carrying case:** RXQ0449

**For areas except Europe, Australia, N.Z., China and Hong Kong area:**

- **1 Power plug adaptor:** K2DA42E00001

### Recommended rechargeable batteries

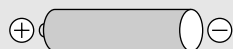
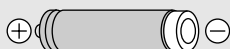
As a safety precaution this unit is constructed so it is impossible to recharge ordinary batteries. For details, check with your dealer.

#### Special Ni-Cd rechargeable batteries

Europe: P-3GAVE/2B (set of 2)

Other areas: P-3GAVT/2B (set of 2)

Ordinary dry cell batteries/  
rechargeable batteries



For the United Kingdom and Republic of Ireland:

shop@ **Panasonic**

[www.panasonic.co.uk](http://www.panasonic.co.uk) (for UK customers only)

- Order accessory and consumable items for your product with ease and confidence by telephoning our Customer Care Centre Mon-Friday 9:00am-5:30pm. (Excluding public holidays.)
- Or go on line through our Internet Accessory ordering application.
- Most major credit and debit cards accepted.
- All enquiries transactions and distribution facilities are provided directly by Panasonic UK Ltd.
- It couldn't be simpler!

Customer Care Centre

For UK customers: 08705 357357

For Republic of Ireland customers: 01 289 8333

Technical Support

For UK customers: 0870 1 505610

**This Technical Support Hot Line number is for Panasonic PC software related products only.**

**For Republic of Ireland, please use the Customer Care Centre number listed above for all enquiries.**

**For all other product related enquiries, please use the Customer Care Centre numbers listed above.**

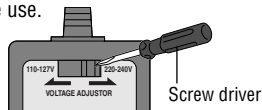
# Power Supply

## Rechargeable batteries Recharge before initial use.

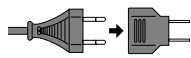
**Except for China, Hong Kong area and sets purchased in Japan:**  
Special Ni-Cd rechargeable batteries ⇨ page 4

**Except for Europe, Australia, N.Z., China and Hong Kong area**

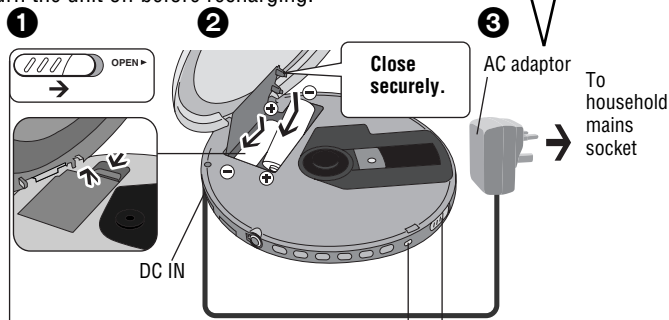
Be sure to set according to the proper voltage in your area before use.



If the power plug will not fit your socket, use the power plug adaptor.



Turn the unit off before recharging.



### Recharging starts.

The "CHG" lamp lights.

### Recharging complete.

The "CHG" lamp goes out.  
(Approximately 4 to 5 hours)

- The AC adaptor differs according to the area.
- You can recharge the batteries before they are fully discharged.
- Fit the battery lid so it is secure and flush with the battery compartment. If it comes loose, it may scratch your discs.

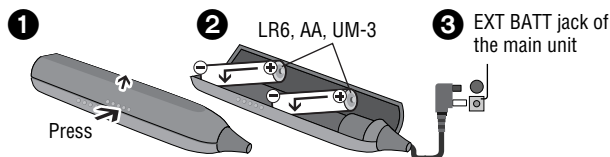
The unit is in the standby condition when the AC adaptor is connected. The primary circuit is always "live" as long as the AC adaptor is connected to an electrical outlet.

## Dry cell batteries (not included)

■ Insert two "LR6, AA, UM-3" alkaline batteries the same way as the rechargeable batteries. (Disconnect the AC adaptor.)

For China, Hong Kong area and sets purchased in Japan

■ You can get longer play by using the external battery case.

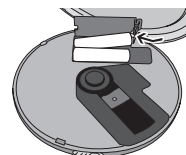


## General

### ■ Play time

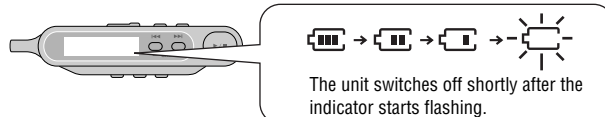
⇨ Specifications, page 2

### ■ Removing batteries



## The battery indicator

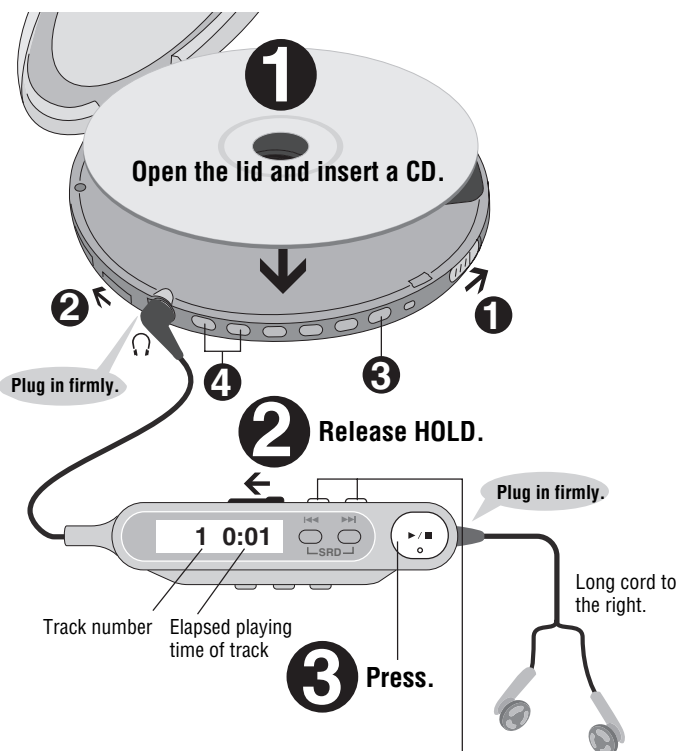
This indicator appears when the unit is on.



- Before playing starts the battery indicator may flash although the batteries are not drained. It appears correctly once you start play.

# How to Use

## Playback



- MP3 files take a little longer to be read.
- "MP3" lights on the display while playing MP3 files.

## Pause

Remote control

Not available.

Main unit



Press.

■ Press again to restart play.

## Search

Remote control



Press and hold during play.

Main unit



Press and hold during play.

- You cannot search while playing MP3.
- You can search only within the current track during program, one track repeat, random, random repeat and AB repeat play modes (⇨ page 6).

## Skip

Remote control



Press.

Main unit



Press.

- Press [◀◀] twice to skip to the beginning of the previous track during play.
- You cannot use [◀◀] to skip to the previous track during random play (⇨ page 6).

## Stop/Turn off

Remote control



Press.

Main unit



Press.

- Press and hold to turn the unit off.

- Press again to turn the unit off.

12 72:46

Number of tracks Total play time

MP3 10-- 86

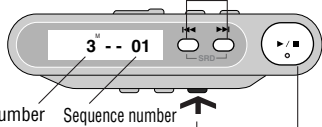
Number of albums Number of tracks

# Other Play Methods

## Program Play

**1** While stopped, press [◀◀] or [▶▶] to select the track.

You can skip albums when programming MP3 tracks (⇄ below).

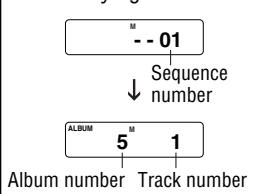


**2** Press [MEMORY] to register.

**3** Repeat steps 1 and 2 to register up to 20 tracks.

**4** Press [▶/■] to start play.

When Playing MP3



■ To confirm the contents of the program

Press [MEMORY] while the disc is playing.

■ To cancel program play

Press [▶/■].

## Play modes

Each time you press [MODE]



During play

or  
While paused



■ Specifying the AB segment

Press [MEMORY] at the start point (A) and once more at the end point (B).

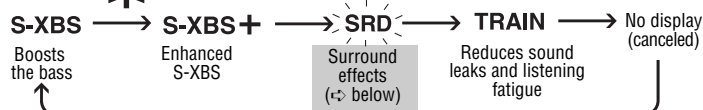
Stop or skip (⇄ page 5) to cancel.

If you do not specify point B and reach the end of disc, point B is set automatically and repeat begins. You can also specify point B again by pressing [MEMORY].

You cannot select "RND" and "A B" while playing MP3.

## Changing the sound quality

Each time you press [EQ]



■ Changing the surround effect

① While "SRD" is flashing, press [◀◀, SRD] or [▶▶, SRD] to select the desired surround.

- HALL : Similar to sound heard at a concert hall
- L-HALL : Enhanced version of HALL
- Air : More natural sound
- Club : Similar to sound heard at a live house
- L-Club : Enhanced version of Club
- FLOAt : Similar to listening to sound in a serene space
- SPACE : Similar to listening to sound in a wide open space
- STAGE : Similar to sound heard on stage

② Press [MEMORY] to enter.

After the surround setting is selected, if there are no operations within 20 seconds the setting is automatically set.

• The effect may differ between different kinds of music.

## Anti-Skip System

This system reduces skipping caused by vibration to a minimum.

You can change the anti-skip memory time for CD-DA to improve sound quality.

While stopped, each time you press and hold [MEMORY]

POS2 ← → POS1

Sound enhanced mode,  
10-second anti-skip memory

Anti-skip enhanced mode,  
45-second anti-skip memory

• You cannot change the memory time for MP3. It is a maximum of 100 seconds for MP3 recorded at 128 kbps.

## Changing the remote control operation tone

Each time you press and hold [EQ]

bP OFF ← → bP on  
Tone off Tone on

# Playing MP3

## Starting play from an album (Album skip)

Press and hold [◀◀] or [▶▶] until the album you want appears.

Main unit



Album number Number of tracks

## Playing only the tracks in a selected album (Album mode)

Each time you press and hold [MODE]



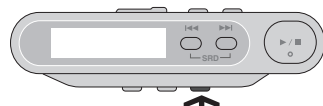
Album mode

- You can select another album with album skip. (⇄ above)
- You cannot turn album mode on during program play.

## Enjoying even more natural sound (Digital Re-master)

You can regenerate signal frequency lost during compression, restoring to near pre-compression form.

While stopped, each time you press and hold [MEMORY]



RMTR

Sound enhanced

No display (canceled)

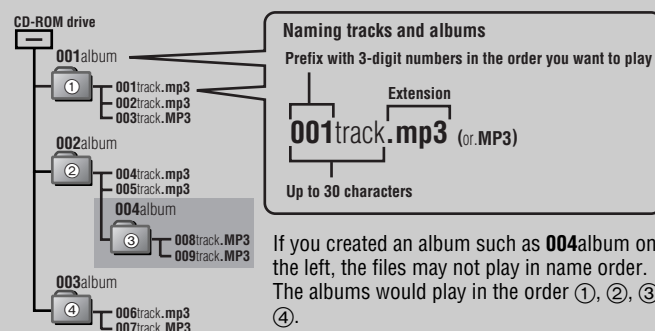
Conserves battery life

## MP3

This unit can play MP3, a method of compressing audio without overtly hurting audio quality.

■ When creating MP3 files to play on this unit

Disc formats: ISO9660 level 1 and level 2 (except for extended formats)



■ Limitations on MP3

- This unit is compatible with multi-session but if there are a lot of sessions it takes more time for play to start. Keep the number of sessions to a minimum to avoid this.
- This unit cannot play files recorded using packet write.
- If a CD-ROM format CD contains MP3 and files other than MP3, only the MP3 files will be playable.
- Depending on how you create MP3 files, they may not play in the order you numbered them or may not play at all.